# ABSTRACT OF THE DISCLOSURE

The invention concerns methods for calibrating at least two video cameras (1, 2) for a stereoscopic device (3). The inventive method is essentially characterized in that it consists in : providing, on the lane portion (4), nine marks of hue other than that of the lane (4), sequenced on a first set of three concurrent virtual straight lines in a first point and distributed in specific manner on a second set of concurrent virtual straight lines in a second point ; forming, with each of the cameras (1, 2) an image of said lane portion (4) ; defining, in each of said two images, one characteristic point of each mark image ; determining, by means of said characteristic points, six concurrent straight line images respectively in two concurrent points ; and processing the video signals delivered by each video camera such that said signals are representative of two images suitable for forming a stereoscopic video image. The invention is particularly useful for determining the occupancy condition of a lane portion and for detecting incidents on said lane portion.